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Matthias MOERZ

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
	P/P	197 25 275 A1	12/24/1998	Germany		English Abstract	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
	P/P	BICKERSTAFF et al., "A 24 Mb/s Radix-4 LogMAP Turbo Decoder for 3GPP-HSDPA Mobile Wireless", February 11, 2003, pp. 1-3.
	P/P	Vienblat, "Analog Convolutional Decoder, Project Thesis", May 2002.

Examiner: P. JeanPierre	Date Considered: 4/28/04

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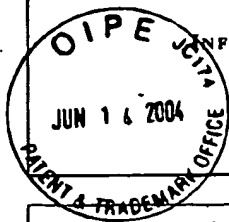
FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of 1	ATTORNEY DOCKET NO.		SERIAL NO.
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1	P/P	F. Lustenberger, M. Helfenstein, H.-A. Loeliger, F. Tarkoy, and G. S. Moschytz, "All-Analog Decoder for a Binary (18,9,5) Tail-Biting Trellis Code," in *Proc. of 25th European Solid-State Circuits Conference*, Duitsburg, Germany, pp. 362-365, Sept. 1999.
	P/P	M. Moerz, T. Gabara, R. Yan, and J. Hagenauer, "An Analog 0.25 μm BiCMOS Tailbiting MAP Decoder," in *Proc. IEEE International Solid-State Circuits Conference (ISSCC 2000)*, San Francisco, California, pp. 356-357, Feb. 2000.
	P/P	C. Winstead, J. Dai, W. J. Kim, S. Little, Y.B., Kim, C. Myers, C. Schlegel, "Analog MAP Decoder For (8.4) Hamming Code In Subthreshold CMOS," in *Proc. Advanced Research in VLSI*, Salt Lake City, Nevada, pp. 132-147, Mar. 2001.
	P\P	V. Gaudet and G. Gulak, "A 13.3Mb/s 0.35 μm CMOS Analog Turbo Decoder IC With A Configurable Interleaver," in *Proc. IEEE International Solid-State Circuits Conference (ISSCC 2003)*, San Francisco, California, Feb. 2003.
	P\P	M. Moerz, "Analog Sliding Window Decoding," in *Proc. Joint Workshop of Communications and Coding*, Barolo, Italy, Nov. 2002.
	P/P	L.R. Bahl, J. Cocke, F. Jelinek and J. Raviv, "Optimal Decoding of Linear Codes for Minimizing Symbol Error Rate," *IEEE Trans. Inform. Theory*, vol. IT-20, pp. 284-287, Mar. 1974.
	P\P	J. Hagenauer, E. Offer, and L. Papke, "Iterative Decoding of Binary Block and Convolutional Codes," *IEEE Trans. Inform. Theory*, vol. 42, no. 2, pp. 429-445, Mar. 1996.
	P\P	J. B. Anderson and S. M. Hladik, "Tailbiting MAP Decoders," *IEEE Journal on Selected Areas in Communications*, vol. 16, no. 2, pp. 297-302, Feb. 1998.
	P/P	A. J. Viterbi, "An Intuitive Justification and a Simplified Version of the MAP Decoder for Convolutional Codes," *IEEE Journal on Selected Areas in Communications*, vol. 16, no. 2, pp. 260-264, Feb. 1998.
	P\P	S. Benedetto, D. Divsalar, G. Montorsi, and F. Pollara, "Soft-Output Decoding Algorithms for Continuous Decoding of Parallel Concatenated Convolutional Codes," in *Proc. ICC 96, vol. 1, pp. 112-117, 1996.*
	P\P	European Telecommunications Standards Institute, "Universal Mobile Telecommunications System (UMTS): Multiplexing and Channel Coding (FDD)," *SGPP TS 125.212 version 3.4.0*, pp. 14-20, Sep. 2000.

Examiner: P. Jeanpierre	Date Considered: 4/28/05

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